

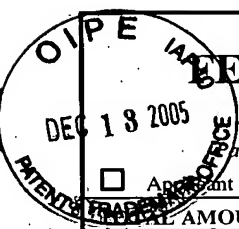
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| | | | |
|--|--|------------------------|--------------------|
| TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i> | | Application Number | 10/659,427 |
| | | Filing Date | September 11, 2003 |
| | | First Named Inventor | Junichiro KUWABARA |
| | | Group Art Unit | 2879 |
| | | Examiner Name | Matthew P. Hodges |
| Total Number of Pages in This Submission | | Attorney Docket Number | 740756-2649 |

| ENCLOSURES (check all that apply) | | |
|--|---|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input checked="" type="checkbox"/> PTO 1449 Form listing 14 documents <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Declaration and Power of Attorney <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Application Data Sheet <input type="checkbox"/> Request for Corrected Filing Receipt with Enclosures <input type="checkbox"/> A self-addressed prepaid postcard for acknowledging receipt <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Five (5) non-US patent-related documents |
| Remarks | | <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees required or credit any overpayments to Deposit Account No. 19-2380 for the above identified docket number. |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | |
|--|---|
| Firm or Individual name | John F. Guay – Reg. No. 47,248 Nixon Peabody LLP 401 9 th Street, N.W. Suite 900 Washington, D.C. 20004-2128 |
| Signature | |
| Date | December 13, 2005 |

| CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)] | |
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| I hereby certify that this correspondence is being: | |
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| <input type="checkbox"/> transmitted by facsimile on the date shown below to the United States Patent and Trademark Office at 571-273-8300. | |
| Date | Signature |
| | Typed or printed name |



FEE TRANSMITTAL FOR FY 2005

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$180.00)

Complete if Known

Application Number 10/659,427
Filing Date September 11, 2003
First Named Inventor Hideaki KUWABARA
Examiner Name Matthew P. Hodges
Art Unit 2879
Attorney Docket No. 740756-2649

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number 19-2380

Deposit Account Name Nixon Peabody LLP

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity Fee Code | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description | Fee Paid |
|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|----------|
| 1001 | 300 | 2001 | 150 | Utility filing fee | |
| 1002 | 200 | 2002 | 100 | Design filing fee | |
| 1003 | 200 | 2003 | 100 | Plant filing fee | |
| 1004 | 300 | 2004 | 150 | Reissue filing fee | |
| 1005 | 200 | 2005 | 100 | Provisional filing fee | |

SUBTOTAL (1) (\$ 0)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims -20** = X = 0

Independent Claims -3** = X = 0

Multiple Dependent X = 0

| Large Entity Fee Code | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description |
|-----------------------|-----------------------|-----------------------|-----------------------|--|
| 1202 | 50 | 2202 | 25 | Claims in excess of 20 |
| 1201 | 200 | 2201 | 100 | Independent claims in excess of 3 |
| 1203 | 360 | 2203 | 180 | Multiple dependent claim, if not paid |
| 1204 | 200 | 2204 | 100 | ** Reissue independent claims over original patent |
| 1205 | 50 | 2205 | 25 | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$ 0)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Large Entity Fee Code | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description |
|-----------------------|-----------------------|-----------------------|-----------------------|--|
| 1051 | 130 | 2051 | 65 | Surcharge - late filing fee or oath |
| 1052 | 50 | 2052 | 25 | Surcharge - late provisional filing fee or cover sheet |
| 1053 | 130 | 1053 | 130 | Non-English specification |
| 1812 | 2,520 | 1812 | 2,520 | For filing a request for <i>ex parte</i> reexamination |
| 1804 | 920* | 1804 | 920* | Requesting publication of SIR prior to Examiner action |
| 1805 | 1,840* | 1805 | 1,840* | Requesting publication of SIR after Examiner action |
| 1251 | 120 | 2251 | 60 | Extension for reply within first month |
| 1252 | 450 | 2252 | 225 | Extension for reply within second month |
| 1253 | 1,020 | 2253 | 510 | Extension for reply within third month |
| 1254 | 1,590 | 2254 | 795 | Extension for reply within fourth month |
| 1255 | 2,160 | 2255 | 1,080 | Extension for reply within fifth month |
| 1401 | 500 | 2401 | 250 | Notice of Appeal |
| 1402 | 500 | 2402 | 250 | Filing a brief in support of an appeal |
| 1403 | 1,000 | 2403 | 500 | Request for oral hearing |
| 1451 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding |
| 1452 | 500 | 2452 | 250 | Petition to revive - unavoidable |
| 1453 | 1,500 | 2453 | 750 | Petition to revive - unintentional |
| 1501 | 1,400 | 2501 | 700 | Utility issue fee (or reissue) |
| 1502 | 800 | 2502 | 400 | Design issue fee |
| 1503 | 1,100 | 2503 | 550 | Plant issue fee |
| 1460 | 130 | 1460 | 130 | Petitions to the Commissioner |
| 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17(q) |
| 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Stmt |
| 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) |
| 1809 | 790 | 2809 | 395 | Filing a submission after final rejection (37 CFR 1.129(a)) |
| 1810 | 790 | 2810 | 395 | For each additional invention to be examined (37 CFR 1.129(b)) |
| 1801 | 790 | 2801 | 395 | Request for Continued Examination (RCE) |
| 1802 | 900 | 1802 | 900 | Request for expedited examination of a design application |

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$180.00)

CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)]

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Date _____

Signature _____

Typed or printed name _____

SUBMITTED BY

Name (Print/Type) John F. Guay

Signature

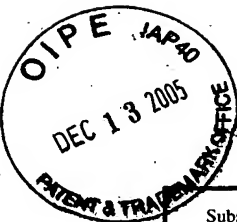
Registration No. 47,248
(Attorney/Agent)

Complete (if applicable)

Telephone (202) 585-8000

Date December 13, 2005

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| | | | |
|--|------|--------------------------|--------------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | Complete if Known | |
| | | Application Number | 10/659,427 |
| | | Filing Date | September 11, 2003 |
| | | First Named Inventor | Hideaki KUWABARA |
| | | Art Unit | 2879 |
| | | Examiner Name | Matthew P. Hodges |
| Sheet 1 | of 1 | Attorney Docket Number | 740756-2649 |

| U.S. PATENT DOCUMENTS | | | | | |
|--------------------------------|------------------------|--|--------------------------------|--|---|
| Examiner Initials ² | Cite. No. ¹ | U.S. Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number - Kind Code ³ (if known) | | | |
| | | 5,929,474 | 07-27-1999 | Huang et al. | |
| | | 6,489,631 B2 | 12-03-2002 | Young et al. | |
| | | 6,593,691 B2 | 07-15-2003 | Nishi et al. | |
| | | 6,781,162 B2 | 08-24-2004 | Yamazaki et al. | |
| | | 6,812,637 B2 | 11-02-2004 | Cok et al. | |
| | | 2001/0043046 A1 | 11-22-2001 | Fukunaga | |
| | | 2004/0003939 A1 | 01-08-2004 | Nishi et al. | |
| | | 2005/0012105 A1 | 01-20-2005 | Yamazaki et al. | |
| | | 2005/0073243 A1 | 04-07-2005 | Yamazaki et al. | |

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------------|------------------------|---|--------------------------------|--|---|----------------|
| Examiner Initials ² | Cite. No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
| | | Country Code ³ Number ⁴ Kind Code ⁵ (if known) | | | | |
| | | JP-10-189252 | 07-21-1998 | Chishio | | AB |
| | | JP-2001-254169 | 09-18-2001 | Kiyoshizu | | AB |
| | | JP-2001-345179 | 12-14-2001 | Yamazaki et al. | | AB |
| | | JP-2002-318553 | 10-31-2002 | Michiya et al. | | AB |
| | | JP-2002-318556 | 10-31-2002 | Michiya et al. | | AB |
| | | | | | | |
| | | | | | | |

| OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS | | | |
|---|------------------------|---|----------------|
| Examiner Initials ² | Cite. No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
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| | | | |
|--------------------|--|-----------------|--|
| Examiner Signature | | Date Considered | |
|--------------------|--|-----------------|--|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.